

ABSTRACT

A method and apparatus are provided for wireless communication between an integrated circuit device and a monitoring station. Each integrated circuit device has one or more
5 antennas that permit wireless communication with an external monitoring station. A signal destined for an integrated circuit device is transmitted by the monitoring station using an associated antenna. An antenna associated with the destination integrated circuit receives the transmitted signal. The antenna(s) may be embodied, for example, as pins that are external to the integrated circuit device, or printed or etched on the integrated circuit device itself. Greater
10 bandwidth can be achieved, if necessary, by pooling the bandwidth of several antennas.

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